

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Haruki NOJO et al. Confirmation No:  
Serial No.: 10/534,699 Art Unit: To be assigned  
Filed: May 13, 2005 Examiner: To be assigned  
For: **CHEMICAL MECHANICAL  
POLISHING COMPOSITION  
AND PROCESS** Attorney Docket No: 063254-0233-US

**POWER OF ATTORNEY**

The undersigned Assignee of the entire interest in the above-identified application hereby grants power of attorney to the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to:

**Customer Number 009629**

Patent Support Unit  
Morgan, Lewis & Bockius LLP  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
202.739.3001 (facsimile)

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

I am the:

- ☒ the assignee of the entire right, title, and interest; or  
☐ an assignee of less than the entire right, title and interest.  
☐ The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application identified above, and a separate copy of which is being submitted this day for recordal at the United States Patent and Trademark Office.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

DuPont Air Products NanoMaterials L.L.C.

By:



EDWARD C. SHOBER

Printed Name

Title:

CHIEF EXECUTIVE OFFICER

Address: 2507 West Erie Drive  
Tempe, Arizona 85282

Date: Oct. 23, 2008

JOINT

ASSIGNMENT

WHEREAS, WE, **Haruki NOJO, Akitoshi YOSHIDA, Hirofumi KASHIHARA**, citizens of Japan, and **Pascal BERAR**, citizen of France, ASSIGNORS, residing at 440 Kurami, Samukawamachi Kouza-Gun, Kanagawa-Ken Japan; 991-176, Yahagi-cho, Chuo-ku, Chiba-shi, Chiba-ken, Japan; Mesonokura 4-D, 3-3-3-, Yadokawara, Tama-ku, Kawasaki-shi, Kanagawa-ken, Japan; and 2520 Barrington Court, Hayward, California 94545, respectively, are the inventors of the invention in **CHEMICAL MECHANICAL POLISHING COMPOSITION AND PROCESS** for which we have executed an application for a Patent of the United States

- ☒ which is identified by Morgan, Lewis & Bockius LLP Docket No. **063254-0233-US**
- ☒ which was filed on **May 13, 2006**, and has been assigned Application Serial No. **10/534,699**

and WHEREAS, **DuPont Air Products NanoMaterials L.L.C.** ASSIGNEE, having a place of business at 2507 West Erie Drive, Tempe, Arizona 85282, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

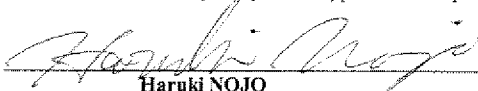
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 8/15/2008 2006

  
Haruki NOJO

Witness:

  
\_\_\_\_\_

Date 9/1/2008 2006 Akitoshi Yoshida  
Akitoshi YOSHIDA

Witness:  
[Signature]

Date 9/3/2008 2006 Hirofumi Kashiwara  
Hirofumi KASHIHARA

Witness:  
[Signature]

Date \_\_\_\_\_ 2006 \_\_\_\_\_  
Pascal BERAR

Witness:  
\_\_\_\_\_

Page 2, Assignment, Serial No. 10/534,699 (63254-0233)

Date \_\_\_\_\_ 2006

\_\_\_\_\_  
Akitoshi YOSHIDA

Witness:

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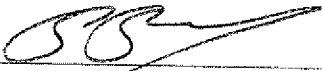
Date \_\_\_\_\_ 2006

\_\_\_\_\_  
Hirofumi KASHIHARA

Witness:

\_\_\_\_\_

Date October 28, 2008 2006

  
\_\_\_\_\_  
Pascal BERAR

Witness:

  
\_\_\_\_\_